

DISC Lite5

The DISC is a low cost high gain 5 GHz CPE. By using a unique and innovative short backfire antenna design, we were able to achieve 21 dBi antenna gain in a compact and easy to deploy package.

DISC Lite5 is based on our popular LHG hardware design and is equipped with 21dBi dual chain 802.11n integrated CPE with 600 MHz CPU, 64 MB RAM, 1x 10/100 Mbps Ethernet port and RouterOS L3 installed. It comes complete with a power supply, PoE injector and mounting ring. The device is also compatible with our SXT mounting systems, including the quickMOUNT pro series.

The RouterOS Level3 allows to use the DISC Lite5 as a CPE or for 5 GHz Point-to-Point links.



Wireless specifications

Rate	Tx	Rx
6MBit/s	25	-96
54MBit/s	20	-80
MCS0	25	-96
MCS7	19	-75

Antenna type	Short backfire
Antenna gain	21 dBi
Port-to-port isolation	20 dB
Front-to-back ratio	30 dB
Side lobe level	15 dB

Specifications

Product code	DISC Lite5 (International) DISC Lite5 US (USA)
CPU	AR9344 600 MHz
Memory	64 MB
Storage type	Flash
Storage size	16 MB
Ethernet	One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X
Wireless	AR9344, wireless built-in 5 GHz 802.11a/n, dual chain
Wireless regulations	Specific frequency range may be limited by country regulations
Frequency range	International: 5150 MHz-5875 MHz USA: 5170-5250 MHz; 5725-5835 MHz
Power options	Passive PoE input 11-30 V
Consumption	6 W
Antenna gain	21 dBi
Antenna beam width	12°
Dimensions	Diameter 265mm, height: 80mm
Operating temperature	-40°C .. +70°C tested
LEDs	8x LEDs (6x user LEDs)
License level	3
Operating system	RouterOS
Suggested price	\$48

Included



24 V 0.38 A
power adapter



Metal ring



PoE injector

DISC Lite5 ac

The DISC is a low cost high gain 5 GHz CPE. We have improved antenna design, added Gigabit Ethernet port and 802.11a/n/ac support to achieve even more speed on longer distances.

DISC Lite5 ac is equipped with 21 dBi dual chain antenna, 802.11a/n/ac integrated wireless, 716 MHz CPU, 256 MB RAM, 1x Gigabit Ethernet port and RouterOS Level 3 license. It comes complete with a power supply, Gigabit PoE injector and a mounting ring. The device is also compatible with our SXT mounting systems, including the quickMOUNT pro series.

The RouterOS Level 3 allows to use the DISC Lite5 ac as a CPE or for 5 GHz Point-to-Point links.



0.5 1 1.5 2 3 5 8 10 11 12 13 14 15 16 17 20 25 30 35 40 45 50 60 70 80 90 100 110 120 130 km

○ Distance at max supported 802.11ac data rate (eg. 866Mbit) ● Distance at max supported 802.11n data rate (eg. 300Mbit) ■ Max range at -70 signal

Note: line of sight, interference, alignment, weather and other outside factors will affect the wireless link performance and possible distance

Specifications

Product code	RBDiscG-5acD (International) RBDiscG-5acD-US (USA)
CPU	IPQ-4018 716 MHz
CPU core count	4
RAM	256 MB
Storage type	Flash
Storage size	16 MB
Ethernet	One 10/100/1000 Mbps Ethernet port with Auto-MDI/X
Wireless	IPQ-4018, wireless built-in 5 GHz 802.11ac, dual chain
Wireless regulations	Specific frequency range may be limited by country regulations
Frequency range	International: 5150 MHz-5875 MHz USA: 5170-5250 MHz; 5725-5835 MHz
Power options	Passive PoE input 10 - 30 V
Consumption	7 W
Antenna gain	21 dBi
Antenna beam width	12°
Dimensions	ø 265mm, height: 80mm
Operating temperature	-40°C .. +70°C tested
LEDs	8x LEDs (5x user LEDs)
License level	3
Operating system	RouterOS

Wireless specifications

Rate	Tx	Rx
6MBit/s	25	-96
54MBit/s	21	-80
MCS0	25	-96
MCS7	20	-75
MCS9	18	-70

Antenna type	Short backfire
Antenna gain	21 dBi
Port-to-port isolation	20 dB
Front-to-back ratio	30 dB
Side lobe level	15 dB



Included



24 V 0.38 A power adapter



Metal ring



Gigabit PoE injector